



U.S. PATENT APPLICATION

SERIAL NUMBER	FILING DATE	CLASS	GROUP ART UNIT	
08/250,785	05/27/94	604	3306	
CELSO S. J. BAGAOISAN.	UNION CITY, CA. JO	OHN D. SHANAHAN	CORHAM SUPPRY	

ELISO S. J. BAGAOISAN, UNION CITY, CA; JOHN P. SHANAHAN, COBHAM SURREY, ENGLAND; KETAN P. MUNI, SAN JOSE, CA; ELIZABETH N. HAMMACK, LOS ALTOS HILLS, CA; ROBERT M. ABRAMS, CARLSBAD, CA; JAMES C. PEACOCK III, SARATOGA, CA; WILLIAM S. TREMULIS, REDWOOD CITY, CA.

CONTINUING DATA******************
VERIFIED

FOREIGN/PCT APPLICATIONS*******
VERIFIED

FOREIGN FILING LICENSE GRANTED 01/18/95

STATE OR COUNTRY	SHEETS DRAWING			FILING FEE RECEIVED	ATTORNEY DOCKET NO.
CA	3	24	7	\$1,252.00	18000.8481.0

CROSBY HEAFEY ROACH AND MAY 1999 HARRISON STREET OAKLAND CA 94612

INTRAVASCULAR CATHETER WITH A REPLACEABLE SHAFT SECTION

This is to certify that annexed hereto is a true copy from the records of the United States Patent and Trademark Office of the application which is identified above.

By authority of the COMMISSIONER OF PATENTS AND TRADEMARKS

Date

Certifying Officer